



PROSOFT CFL

PROSOFT CFL is a unique product based on amidamine chemistry. It gives a soft touch and can be utilized both in knitted and woven fabrics.

CHARACTERISTICS:

Composition : Amidamine based
Appearance : off - white flakes
PH (10%) : $4,5 \pm 1,0$
Ionic Char. : Cationic
Solubility : Dissolves in water up to % 18 concentration.

APPLICATION:

- **PROSOFT CFL** gives a soft and smooth handle.
- **PROSOFT CFL** is sensitive to temperatures exceeding 60°C .
- **PROSOFT CFL** can be diluted into desired concentration with warm water.

Recommended Dilution Process

Dilution Ratio: 1(**PROSOFT CFL**):10(water) – 1(**PROSOFT CFL**):12(water)

1. Charge the water to mixing tank and heat to $60-80^{\circ}\text{C}$
2. Start the mixer
3. Add the **PROSOFT CFL** at 30 minutes as 3 portion
4. Proceed the mixing plus 30 minutes (You can add the antifoam agent if it is necessary)
5. Start to cooling process while working the mixer (if there is no cooling system, wait until the temperature is below 40°C)
6. When the temperature is below 40°C , stop the mixture.
7. Final product is ready to use

Diluted form of **PROSOFT CFL** is mainly used on cellulose fibers and their mixtures with synthetics. It can be utilized in exhaustion as well as impregnation process with success.

Depending on the fiber character and the desired handle the following quantities will give satisfactory results.

	Impregnation	Exhaustion
Usage:	15 – 20 gr / lt	1,5 – 2,0 gr / lt
pH:	$5,5 \pm 0,5$	$5,5 \pm 0,5$
WPU	70 – 80 %	---
Temperature	---	$40-50^{\circ}\text{C}$

STORAGE CONDITIONS:

Keep out of direct sunlight or freezing. It is stable for at least 6 months if stored in original packing and recommended storage conditions.

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